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NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET (pursuant to NAC 445A.236) July 2005

Permittee Name: The State of Nevada
Lake Tahoe Nevada State Parks
Memorial Point
P.O. Box 8867
Incline Village, NV 89452

Permit Number: NEV99016

Location: 1900 Highway 28 East
Lake Tahoe, Washoe County, Nevada
Latitude 39° 12' 34" N, Longitude 119° 55' 46" W
Section 35, Township 16 North, Range 18 East

General: The Nevada Division of State Parks operates a Cromaglass Batch Treatment System for domestic wastewater that serves the Memorial Point visitors area. The treatment system consists of a solids retention tank section/grit trap/ screen, an aeration tank section, a contact clarifier tank section, a chlorinator and a chlorine contact chamber/export wet well. Treated effluent is pumped into the Incline Village General Improvement District's (IVGID, Permit No. NEV30009) effluent export pipeline. The proposed permit requires routine monitoring of the discharge before it is pumped into the effluent export line.

Receiving Water Characteristics: The Incline Village General Improvement District's export pipeline. The end use of the effluent is agricultural irrigation and wetlands enhancement (reuse) at the permitted IVGID "Wetlands Project" in Carson Valley.

Description of the Location of the Discharge: The final disposition of the effluent will be the groundwater of the State of Nevada.

Characteristics: Treated domestic wastewater.

Flow: 3,000 gallons per day (0.003 MGD), 30 day average; 3,500 gallons per day; (0.0035 MGD) design capacity.

Procedures for Public Comment: The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the public notice, and must be postmarked,

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faxed or e-mailed by 5:00 PM on **August 15, 2005**. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination:

The Division has made the tentative determination to issue (renew) the proposed permit for a five-year period.

Proposed Effluent Limitations:

			Frequency	Sample Type
Parameter	30 Day Average	Daily Max	MONITORING REQUIREMENTS	
Flow (influent)	0.003 MGD	0.003 MGD	Continuous	Flow Meter
BOD ₅ (inhibited) (effluent)	30 mg/L	45 mg/L	Once/Month ²	Composite
TSS ³ (influent & effluent)	30 mg/L	45 mg/L	Once/Month ²	Composite
Total Phosphorus as P (effluent) mg/L	Monitor and Report		Once/Month	Composite
Total Dissolved Solids (effluent) mg/L	Monitor and Report		Once/Month	Composite
Chlorine Residual (effluent) mg/L	Monitor and Report		Once/Week	Discrete
Fecal Coliform (cfu)	23/100 ml ¹	240/100 ml	Once/Month ²	Discrete
Ammonia as N (effluent) mg/L	Monitor and Report		Once/Month	Composite
Nitrates as N (effluent) mg/L	Monitor and Report		Once/Month	Composite
Dissolved Oxygen (effluent) mg/L	above 2 mg/l	above 2 mg/l	Once/Month	Discrete
pH	between 6.0 and 9.0 Standard Units		Once/Month	Discrete

¹ 30 Day Geometric Mean

² Shall be sampled weekly for July, August, and September

³ Permit limits may be increased at a later date

Rationale for Permit Requirements:

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Monitoring is required to assess the level of treatment being provided and to determine when design capacity is being approached.

Schedule of Compliance:

The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.

- a. The Permittee shall achieve compliance with the effluent limitations, except the TSS limitations, upon issuance of the permit.
- b. **Within 90 days of the permit issuance date** (November 14, 2005) any updates to the Operations and Maintenance (O&M) Manual shall be submitted to the Division for approval.
- c. **Within 90 days of the permit issuance date** (November 14, 2005) the Permittee shall be in compliance with the TSS requirements of this permit:
 - 1. Operate the package plant to meet the permit limits; or
 - 2. Supplying the Division with a letter from the IVGID that the IVGID will approve a higher concentration of TSS into their export pipeline. The Division will then modify this permit to allow the higher TSS limits.

Prepared by: Jim Hogan
Staff Engineer II
June 27, 2005